

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Original) A method of driving a display device, comprising the steps of:
frequency modulating a reference clock signal and obtaining a modulated clock signal;
performing sampling and A/D conversion on an analog image signal on the basis of the modulated clock signal and obtaining a digital image signal;
after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of the reference clock signal and obtaining an improved analog image signal; and
supplying the improved analog image signal to a corresponding pixel and obtaining an image.

3. (Currently Amended) A method of driving a display device, comprising the steps of:
performing sampling and A/D conversion on an analog image signal on the basis of a reference clock signal and obtaining a digital image signal;
after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of a modulated clock signal and obtaining an improved analog image signal; and
supplying the improved analog image signal to a corresponding pixel and obtaining an image.

wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

4. (Currently Amended) A method of driving a display device according to ~~any one of claims 1 or~~ claim 2, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

5. (Currently Amended) A method of driving a display device according to ~~any one of claims 1 or~~ claim 2, wherein the modulated clock signal is obtained by randomly shifting a frequency of the reference clock signal.

6. (Currently Amended) A method of driving a display device according to ~~any one of claims 1 or~~ claim 2, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave.

7. (Currently Amended) A method of driving a display device according to ~~any one of claims 1 or~~ claim 2, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a triangular wave.

8. (Currently Amended) A method of driving a display device according to any one of claims ~~[[1 to 3]]~~ 2 or 3 wherein said display device is an active matrix type display device.

9. (Currently Amended) A method of driving a display device according to any one of claims ~~[[1 to 3]]~~ 2 or 3 wherein said display device is a passive matrix type display device.

10. (Currently Amended) A method according to claim any one of claims [[1 to 3]] 2 or 3 wherein said display device is a liquid crystal device.

11. (Currently Amended) A method according to any one of claims [[1 to 3]] 2 or 3 wherein said display device is an electroluminescence display.

12. (Canceled)

13. (Original) A display device comprising:

an active matrix circuit having a plurality of thin-film transistors arranged in a matrix form; and

a source signal line-side driving circuit and a gate signal line-side driving circuit for driving said active matrix circuit,

wherein a modulated clock signal obtained by frequency modulating a reference clock signal is inputted to said source signal line-side driving circuit, while a modulated clock signal which differs from said modulated clock signal in quantity of frequency shifting or method of frequency modulation is inputted to said gate signal line-side driving circuit.

14.-15. (Canceled)

16. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

17. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13, wherein the modulated clock signal is obtained by randomly shifting a frequency of the reference clock signal.

18. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave.

19. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a triangular wave.

20. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13 wherein said display device is a liquid crystal device.

21. (Currently Amended) A display device according to ~~any one of claims 12 to 15~~ claim 13 wherein said display device is an electroluminescence device.

22. (Currently Amended) A mobile telephone having a display device according to ~~any one of claims 12 to 15~~ claim 13.

23. (Currently Amended) A projector having a display device according to ~~any one of claims 12 to 15~~ claim 13.

24. (Currently Amended) A video camera having a display device according to ~~any one of claims 12 to 15~~ claim 13.

25. (Currently Amended) A mobile computer having a display device according to ~~any one of claims 12 to 15~~ claim 13.

26. (Currently Amended) A head-mounted display having a display device according to ~~any one of claims 12 to 15~~ claim 13.

27. (Currently Amended) A personal computer having a display device according to ~~any one of claims 12 to 15~~ claim 13.

28. (Currently Amended) A player which uses a recording medium, having a display device according to ~~any one of claims 12 to 15~~ claim 13.

29. (Currently Amended) A digital camera having a display device according to ~~any one of claims 12 to 15~~ claim 13.

30. (New) A method of driving a display device, comprising the steps of:
performing sampling and A/D conversion on an analog image signal on the basis of a reference clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of a modulated clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to a corresponding pixel and obtaining an image,

wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave.

31. (New) A method of driving a display device according to claim 30 wherein said display device is an active matrix type display device.

32. (New) A method of driving a display device according to claim 30 wherein said display device is a passive matrix type display device.

33. (New) A method according to claim 30 wherein said display device is a liquid crystal device.

34. (New) A method according to claim 30 wherein said display device is an electroluminescence display.